Please amend the claims as follows:

1. (Amended) Refrigerant composition comprising a chlorine-free hydroflurocarbon based refrigerant and, mixed therewith, a lubricant containing a polyol ester wherein said polyol ester comprises a mixture of 3-hydroxy-2,2-dimethyl-propyl-3-hydroxy-2,2-dimethyl-propionate (HPHP) and

   - an ester of trimethylol propane, trimethylol ethane, pentaerythritol or 2,2,4-trimethylpentadiol, the amount of the 3-hydroxy-2,2-dimethyl-propyl-3-hydroxy-2,2-dimethylpropionate being at least 50 mol-% of the polyol residue of the ester mixture,
   - an ester of 2-butyl-2-ethyl-1,3-propanediol, the molar ratio of the 2-butyl-2-ethyl-1,3-propanediol and the 3-hydroxy-2,2-dimethyl-propyl-3-hydroxy-2,2-dimethylpropionate being 5:95 - 99:1, or
   - a polyol ester of neopentylglycol, 2-ethyl-1,3-hexanediol or 1,4-dimethylol-cyclohexane.

3. (Amended) The refrigerant composition according to claim 1 or claim 2, wherein the carboxylic acid residue of the polyol ester is derived from a linear or branched C_4-C_{18}-carboxylic acid, or anhydrides thereof, or it is derived from a mixture of linear or branched C_4-C_{18}-carboxylic acid, or anhydrides thereof.

7. (Amended) The refrigerant composition according to claim 5 or claim 6, wherein the dibasic carboxylic acid residue is derived from oxalic acid, malonic acid, dimethylmalonic acid, succinic acid, glutaric acid, adipic acid, sebasic acid, pimelic acid, suberic acid, azelaic acid, a cyclic anhydride or an alkyl derivative thereof, or trimellitic anhydride.

8. (Amended) The refrigerant composition according to claim 5, wherein the molar ratio between the mono- and dibasic carboxylic acids is 50:50 to 95:5.

9. (Amended) The refrigerant composition according to claim 1, wherein the fluorinated hydrocarbon based refrigerant is hydrofluorocarbon 134, hydrofluorocarbon 134a, hydrofluorocarbon 143, hydrofluorocarbon 143a, hydrofluorocarbon 152, hydrofluorocarbon 152a or a mixture thereof.

Please add the following new claims:

16. (New) The refrigerant composition according to claim 7, wherein the cyclic anhydride is succinic anhydride.

17. (New) Refrigerant composition comprising a chlorine-free hydroflurocarbon based refrigerant and, mixed therewith, a lubricant containing a polyol ester, wherein said polyol ester comprises a mixture of 3-hydroxy-2,2-dimethyl-propyl-3-hydroxy-2,2-dimethyl-propionate (HPHP) and

- an ester of trimethylol propane, trimethylol ethane, pentaerythritol or 2,2,4-trimethylpentadiol, the amount of the 3-hydroxy-2,2-dimethyl-propyl-3-hydroxy-2,2-dimethylpropionate being at least 50 mol-% of the polyol residue of the ester mixture, or
- an ester of 2-butyl-2-ethyl-1,3-propanediol, the molar ratio of the 2-butyl-2-ethyl-1,3-propanediol and the 3-hydroxy-2,2-dimethyl-propyl-3-hydroxy-2,2-dimethylpropionate being 5:95 - 99:1.

18. (New) The refrigerant composition according to claim 17, wherein the polyol mixture is prepared *in situ*.

19. (New) The refrigerant composition according to claim 17, wherein the carboxylic acid residue of the polyol ester is derived from a linear or branched C_4-C_{18}-carboxylic acid, or anhydrides thereof, or it is derived from a mixture of linear or branched C_4-C_{18}-carboxylic acids or anhydrides thereof.

20. (New) The refrigeration composition according to claim 19, wherein the carboxylic acid residue is derived from 2-ethylhexanoic acid, heptanoic acid, octanoic acid and/or lauric acid.

21. (New) The refrigeration composition according to claim 17, wherein the carboxylic acid residue of the ester is derived from a mixture of mono- and dibasic carboxylic acids.

22. (New) The refrigeration composition of claim 21, wherein the monobasic carboxylic acid residue is derived from linear or branched C_4-C_{18}-carboxylic acids or anhydrides or mixtures thereof.

23. (New) The refrigerant composition according to claim 21 or 22, wherein the dibasic carboxylic acid residue is derived from oxalic acid, malonic acid, dimethylmalonic acid, succinic acid, sebasic acid,